

FINAL WORKING PAPER
September 18, 2008

George Washington National Forest Forest Plan Revision



REVIEW OF WILDERNESS SOCIETY'S *"Virginia's Mountain Treasures: The Unprotected Wildlands of the George Washington National Forest"*

CHAPTER 1: VIRGINIA MOUNTAIN TREASURE REVIEW RESULTS

A. Introduction

The following discussion documents a review of the 63 areas included in the published Wilderness Society report of "Virginia's Mountain Treasures: The Unprotected Wildlands of the George Washington National Forest" of July 2008. The report does not recommend all of these areas for wilderness designation, but identifies them as unprotected wildlands that need protection. We reviewed these areas to see which meet our criteria to be placed on the Potential Wilderness Area inventory.

From Mr. Mark Miller in June of 2007, the agency also received a GIS coverage showing the areas in digital form. This GIS coverage and the published report formed the base for this review. The same guidance that was used to develop the agency's official inventory was used to analyze the Wilderness Society's report. Maps of all of these areas, by clusters as identified in their report, are companion exhibits to this document.

Comparison between Va. Mt. Treasure Areas and GW Potential Wilderness Inventory
(Thousand Acres)

<u>Va. Mt Treasures Area</u>	<u>GW Revision Potential Wilderness</u>		<u>Grand Total</u>
	<u>In GW Inventory</u>	<u>Outside GW Inventory</u>	
In Va. Mt. Treasures	358	244	602
Outside Mt Treasures	20	0	20
Grand Total	378	244	622

B. Va. Mt. Treasure Areas Included In The Inventory

Table 1 shows the Virginia Mountain Treasure areas that qualify for placement on the potential wilderness inventory, consisting of 16 areas totaling 180,619 National Forest System acres. These areas duplicate the areas in the official GW inventory. Boundary differences make up the differences in the acreages.

TABLE 1. Wilderness Society Published "Mountain Treasures" that Qualify for Placement on the Inventory of Potential Wilderness Areas

Wilderness Society Area Name	Ranger District	GW or Jefferson NFS Acres	Private Surface Acres	Total Acres	Acres In GW Potential Wilderness Inventory	Acres of Private Subsurface Ownership	Percent of Total In Private Subsurface Ownership	Percent of Total In Private Ownership - Both Surface and Subsurface	Miles of NFS Roads	NFS Road Miles per 1,000 NFS Acres	SPNM Acres	SPM Acres	RN Acres
Gum Run	North River	14,665	0	14,665	14,510	2,546	17.36%	17.36%	5.502	0.38	4,166	6,693	3,806
Oak Knob	North River	10,661	0	10,661	10,587	617	5.79%	5.79%	3.345	0.31	4,530	2,469	3,662
Skidmore Fork	North River	5,703	0	5,703	5,617	0	0.00%	0.00%	0.455	0.08	1,556	2,225	1,922
Little River	North River	29,341	0	29,341	29,232	3,058	10.42%	10.42%	6.281	0.21	16,086	4,358	8,897
Bald Ridge / Lynn Hollow	North River	19,059	0	19,059	18,568	5,625	29.51%	29.51%	5.809	0.30	8,974	1,714	8,371
Shaws Ridge	North River	7,263	0	7,263	7,250	4	0.06%	0.06%	3.110	0.43	2,075	1,876	3,312
Jerkemtight	North River	21,258	0	21,258	21,045	654	3.08%	3.08%	7.462	0.35	7,267	5,072	8,919
Crawford Mountain	North River	14,969	31	15,000	14,782	0	0.00%	0.21%	3.122	0.21	9,305	2,521	3,143
Laurel Fork*	Warm Springs & Mon	10,594	0	10,594	10,233	0	0.00%	0.00%	2.180	0.21	6,364	631	3,599
Paddy Lick	Warm Springs & Mon	5,444	0	5,444	5,325	0	0.00%	0.00%	0.000	0.00	2,024	869	2,551
Little Alleghany Mountain	Warm Springs & Mon	15,990	0	15,990	15,275	453	2.83%	2.83%	6.065	0.38	7,279	1,521	7,190
Toms Knob*	James River & Eastern Divide	7,879	0	7,879	7,687	126	1.60%	1.60%	3.815	0.48		4,509	3,370
Oliver Mountain	James River	13,000	0	13,000	12,925	0	0.00%	0.00%	1.977	0.15	9,171	20	3,809
Saint Marys Wilderness Addition A	Pedlar	3,008	0	3,008	2,982	625	20.78%	20.78%	0.000	0.00	3	1,994	1,011
Saint Marys Wilderness Addition B*	Pedlar	277	0	277	268	0	0.00%	0.00%	0.000	0.00			277
Saint Marys Wilderness Addition C	Pedlar	1,508	0	1,508	1,502	316	20.95%	20.95%	0.000	0.00	853		655

*Laurel Fork contains Locust Springs Picnic Area. Toms Knob contains the National Children's Forest. Saint Marys Wilderness Addition B contains the St. Marys lower trailhead.

C. Va. Mt. Treasure Areas Eliminated From Inventory

Table 2 shows the codes and reasons why a Va. Mt. Treasure area does not qualify for placement on the potential wilderness inventory.

Table 2. Reasons Why Va. Mt. Treasures Area Do Not Qualify For Placement on Inventory

Reason Eliminated Code	Reason Eliminated
1	Area Equal to or Greater Than 5,000 acres (Place mark only on size of area, not used as reason to eliminate area)
2	Area Less Than 5,000 acres, not adjacent to existing designated wilderness, and area cannot be preserved due to physical terrain and natural conditions
3	Area exceeds road density of 0.5 miles per 1,000 acres of National Forest System Roads
4	An area that does not have outstanding opportunities for solitude or a primitive and unconfined type of recreation
5	Area does not contain attainable surface rights
6	Area does not contain attainable subsurface rights (Used this code if total surface and subsurface rights exceeded 30%)
7	Area contains Watershed Treatment area (Existing Dam site) where mechanical equipment is evident. Dam is not being affected by the forces of nature and is not disappearing or muted.
8	Area contains developed recreation area that is not minor and easily removed.
9	Area contains a cleared Utility Right-of-Way
10	Area contains existing Electronic Installations whose impact is not minimal

Table 3 shows the Virginia Mountain Treasure areas that do not qualify for placement on the potential wilderness inventory and the reason(s) why they do not qualify. Some of these areas are on the GW inventory described above. Again, boundary differences are the main cause. The agency used boundaries that eliminated some conflicts with wilderness designation at the beginning of its process; such as eliminating known cleared utility corridors and dams.

Table 3. Va. Mt. Treasures Areas, Statistics, and Reasons Why They are Not on the Official Agency Inventory of Potential Wilderness Areas								
	Area Name / Characteristics		Jonnies Knob	Big Schloss	Great North Mountain	Long Mountain	Falls Ridge	Church Mountain
FSH 1909.13		District Name / Unit of Measure	Lee	Lee	Lee	Lee	Lee	Lee
Chapter 70 Reference	National Forest System Land Acres	GW or Jefferson NFS Acres	2,499	31,197	6,662	10,503	7,737	11,995
	Private Land Surface Acres	Private Surface Acres	0	6	19	5	0	510
	Total Acres	Total Acres	2,499	31,203	6,681	10,508	7,737	12,505
71.11 (3) and 71.12 (2)	Improvement #2 -Electronic Installations (provided their impact is minimal) are being affected by forces of nature rather than humans and are disappearing or muted.	Installations with More than One Special Use Permit						
71.12 (3)	The area has attainable NFS ownership patterns, both surface and subsurface (Outstanding or Reserved Subsurface Rights)	Acres of Private Subsurface Ownership	0	8,044	964	7,348	4,073	2,993
		Percent of Total In Private Subsurface Ownership	0.00%	25.78%	14.43%	69.93%	52.64%	23.93%
		Percent of Total In Private Ownership - Both Surface and Subsurface	0.00%	25.80%	14.71%	69.98%	52.64%	28.01%
		Answer to question of whether Private Ownership both (Surface and Subsurface) is more than 30%?	No	No	No	Yes	Yes	No
71.11 (8)	Recreation Improvements or areas with minor, easily removable recreation developments (As general rule, do not included developed sites)	Number of Recreation Areas		2 - Mill Mt & Sugar Knob Shelters	1- Paul Gerhard Shelter			
71.11 (10)	Ground-return telephone lines, electric lines, and powerline (Utility lines) if a right-of-way has not been cleared	Existence of Cleared Right-of-Way			Yes, Alleghany Power	Yes, Shenandoah Valley Electric and Alleghany Power	Yes, Columbia Gas	Yes, Shenandoah Valley Electric and Columbia Gas
71.11	Other Permanent Improvements	Number of Dams meeting FS regs or state-regulated						
71.11 (6)	Federal Ownership of less than 70% if it is realistic to manage NFS land as wilderness, independent of the private land	Percent in Federal Ownership	100.00%	99.98%	99.72%	99.95%	100.00%	95.92%
		Answer to question of whether Federal Ownership is less than 70%? , If yes, judgment call on whether agency can manage NFS as wilderness	No	No	No	No	No	No
Criteria 3 [71.1 (3)]	Area does not contain forest roads (36 CFR 212.1)	Miles of NFS Roads	0.325	27.505	5.178	8.356	4.484	11.537
71.12 (5)	Each area contains no more than 1/2 mile of forest roads (36 CFR 212.1) under FS jurisdiction for each 1,000 acres	NFS Road Miles per 1,000 NFS Acres	0.13	0.88	0.78	0.80	0.58	0.92
		Are forest roads less than 1/2 mile per 1,000 acres?	Yes	No	No	No	No	No
71	Acres Within Semi-Primitive Non-motorized (SPNM) ROS Class	SPNM Acres	1,109	9,666		2,425	2,119	2,119
71	Acres Within Semi-Primitive Motorized (SPM) ROS Class	SPM Acres	129	11,390	2,142	1,915	1,551	4,338
71	Acres Within Roaded Natural (RN) ROS Class	RN Acres	1,261	10,141	4,520	6,163	4,067	5,538
		Private Acres		6	19	5		510
	Total ROS Acres	Acres	2,499	31,203	6,681	10,508	7,737	12,505
		Are SPNM and SPM Combined greater than 2,500 Acres?	No	Yes	No	Yes	Yes	Yes
Criteria 1 [71.1 (1)]	Area contains 5,000 acres or more in size of NFS Property	Yes or No	No	Yes	Yes	Yes	Yes	Yes
Criteria 2 [71.1 (2) (b)]	Area is a self-contained ecosystem such as island	Yes or No	No	No	No	No	No	No
Criteria 2 [71.1 (2) (c)]	Area Contiguous to Existing Wilderness, Etc	Yes or No	No	No	No	No	No	No
71	Does the area qualify for placement on the inventory of potential Wilderness?	Yes or No	No	No	No	No	No	No
71	Reasons for the area not qualifying for placement in inventory.	Rationale	2, 4	3	3, 4, 9	3, 6, 9	3, 6, 9	3, 9
Acres that are In GW Potential Wilderness Inventory			0	26,885	0	0	0	0

Table 3 (Continued). Va. Mt. Treasures Areas, Statistics, and Reasons Why They are Not on the Official Agency Inventory of Potential Wilderness Areas								
	Area Name / Characteristics		Signal Knob	Northern Massanutten Mountain	Catback Mountain (Waterfall)	Short Horse Mountain	Southern Massanutten Mountain	Beech Lick Knob
FSH 1909.13		District Name / Unit of Measure	Lee	Lee	Lee	Lee	Lee	North River
Chapter 70 Reference	National Forest System Land Acres	GW or Jefferson NFS Acres	5,471	18,409	6,345	7,242	11,721	17,152
	Private Land Surface Acres	Private Surface Acres	0	87	41	0	0	0
	Total Acres	Total Acres	5,471	18,496	6,386	7,242	11,721	17,152
71.11 (3) and 71.12 (2)	Improvement #2 -Electronic Installations (provided their impact is minimal) are being affected by forces of nature rather than humans and are disappearing or muted.	Installations with More than One Special Use Permit	1 - Signal Knob					2 - White Grass Knob Upper & Lower
71.12 (3)	The area has attainable NFS ownership patterns, both surface and subsurface (Outstanding or Reserved Subsurface Rights)	Acres of Private Subsurface Ownership	0	1,520	0	2,972	8,397	1,349
		Percent of Total In Private Subsurface Ownership	0.00%	8.22%	0.00%	41.04%	71.64%	7.86%
		Percent of Total In Private Ownership - Both Surface and Subsurface	0.00%	8.69%	0.64%	41.04%	71.64%	7.86%
		Answer to question of whether Private Ownership both (Surface and Subsurface) is more than 30%?	No	No	No	Yes	Yes	No
71.11 (8)	Recreation Improvements or areas with minor, easily removable recreation developments (As general rule, do not included developed sites)	Number of Recreation Areas		2 - Kennedy Peak & Veach Gap Shelter	1- Storybook Trail and Overlook		1 -Boones Run Shelter	
71.11 (10)	Ground-return telephone lines, electric lines, and powerline (Utility lines) if a right-of-way has not been cleared	Existence of Cleared Right-of-Way	Yes, Shenandoah Valley Electric and Alleghany Power		Yes, Alleghany Power	Yes, Va Power and a Gas Line		
71.11	Other Permanent Improvements	Number of Dams meeting FS regs or state-regulated						
71.11 (6)	Federal Ownership of less than 70% if it is realistic to manage NFS land as wilderness, independent of the private land	Percent in Federal Ownership	100.00%	99.53%	99.36%	100.00%	100.00%	100.00%
		Answer to question of whether Federal Ownership is less than 70%? , If yes, judgment call on whether agency can manage NFS as wilderness	No	No	No	No	No	No
Criteria 3 [71.1 (3)]	Area does not contain forest roads (36 CFR 212.1)	Miles of NFS Roads	6.058	16.607	4.730	8.022	4.183	15.708
71.12 (5)	Each area contains no more than 1/2 mile of forest roads (36 CFR 212.1) under FS jurisdiction for each 1,000 acres	NFS Road Miles per 1,000 NFS Acres	1.11	0.90	0.74	1.11	0.36	0.92
		Are forest roads less than 1/2 mile per 1,000 acres?	No	No	No	No	Yes	No
71	Acres Within Semi-Primitive Non-motorized (SPNM) ROS Class	SPNM Acres		6,576			3,871	5,726
71	Acres Within Semi-Primitive Motorized (SPM) ROS Class	SPM Acres	2,512	5,400	3,388	2,487	3,604	3,770
71	Acres Within Roaded Natural (RN) ROS Class	RN Acres	2,959	6,433	2,957	4,755	4,246	7,656
		Private Acres		87	41			
	Total ROS Acres	Acres	5,471	18,496	6,386	7,242	11,721	17,152
		Are SPNM and SPM Combined greater than 2,500 Acres?	Yes	Yes	Yes	No	Yes	Yes
Criteria 1 [71.1 (1)]	Area contains 5,000 acres or more in size of NFS Property	Yes or No	Yes	Yes	Yes	Yes	Yes	Yes
Criteria 2 [71.1 (2) (b)]	Area is a self-contained ecosystem such as island	Yes or No	No	No	No	No	No	No
Criteria 2 [71.1 (2) (c)]	Area Contiguous to Existing Wilderness, Etc	Yes or No	No	No	No	No	No	No
71	Does the area qualify for placement on the inventory of potential Wilderness?	Yes or No	No	No	No	No	No	No
71	Reasons for the area not qualifying for placement in inventory.	Rationale	3, 9, 10	3	3, 9	3, 4, 6, 9	6	3, 10
Acres that are In GW Potential Wilderness Inventory			0	16,418	5,967	0	0	14,018

Table 3 (Continued). Va. Mt. Treasures Areas, Statistics, and Reasons Why They are Not on the Official Agency Inventory of Potential Wilderness Areas										
	Area Name / Characteristics		Little Cow Knob	Hogpen Mountain	Kretchie Mountain	Feedstone Mountain	Wildcat Ridge	Dunkle Knob		
FSH 1909.13	Chapter 70 Reference	District Name / Unit of Measure	North River	North River	North River	North River	North River	North River		
		National Forest System Land Acres	GW or Jefferson NFS Acres	5,305	9,211	6,677	4,057	8,521	8,398	
		Private Land Surface Acres	Private Surface Acres	30	18	0	0	0	0	
		Total Acres	Total Acres	5,335	9,229	6,677	4,057	8,521	8,398	
71.11 (3) and 71.12 (2)	Improvement #2 -Electronic Installations (provided their impact is minimal) are being affected by forces of nature rather than humans and are disappearing or muted.		Installations with More than One Special Use Permit							
71.12 (3)	The area has attainable NFS ownership patterns, both surface and subsurface (Outstanding or Reserved Subsurface Rights)		Acres of Private Subsurface Ownership	2,353	5,369	5,369	3,944	7,478	6,898	
			Percent of Total In Private Subsurface Ownership	44.10%	58.18%	80.41%	97.21%	87.75%	82.14%	
			Percent of Total In Private Ownership - Both Surface and Subsurface	44.67%	58.37%	80.41%	97.21%	87.75%	82.14%	
			Answer to question of whether Private Ownership both (Surface and Subsurface) is more than 30%?	Yes	Yes	Yes	Yes	Yes	Yes	
71.11 (8)	Recreation Improvements or areas with minor, easily removable recreation developments (As general rule, do not included developed sites)		Number of Recreation Areas					1 - West Side Shooting Range		
71.11 (10)	Ground-return telephone lines, electric lines, and powerline (Utility lines) if a right-of-way has not been cleared		Existence of Cleared Right-of-Way		Yes, Va Power	Yes, Va Power				
71.11	Other Permanent Improvements		Number of Dams meeting FS regs or state-regulated		1 - Slate Lick Dam					
71.11 (6)	Federal Ownership of less than 70% if it is realistic to manage NFS land as wilderness, independent of the private land		Percent in Federal Ownership	99.44%	99.80%	100.00%	100.00%	100.00%		
			Answer to question of whether Federal Ownership is less than 70%? , If yes, judgment call on whether agency can manage NFS as wilderness	No	No	No	No	No	No	
Criteria 3 [71.1 (3)]	Area does not contain forest roads (36 CFR 212.1)		Miles of NFS Roads		0.694	2.144	2.330	0.779	3.252	3.608
71.12 (5)	Each area contains no more than 1/2 mile of forest roads (36 CFR 212.1) under FS jurisdiction for each 1,000 acres		NFS Road Miles per 1,000 NFS Acres	0.13	0.23	0.35	0.19	0.38	0.43	
			Are forest roads less than 1/2 mile per 1,000 acres?	Yes	Yes	Yes	Yes	Yes	Yes	
71	Acres Within Semi-Primitive Non-motorized (SPNM) ROS Class		SPNM Acres			2,635				
71	Acres Within Semi-Primitive Motorized (SPM) ROS Class		SPM Acres		1,873	1,619		3,365	5,686	2,626
71	Acres Within Roaded Natural (RN) ROS Class		RN Acres		3,432	4,957	6,677	692	2,835	5,772
			Private Acres		30	18				
	Total ROS Acres		Acres		5,335	9,229	6,677	4,057	8,521	8,398
			Are SPNM and SPM Combined greater than 2,500 Acres?		No	Yes	No	Yes	Yes	Yes
Criteria 1 [71.1 (1)]	Area contains 5,000 acres or more in size of NFS Property		Yes or No		Yes	Yes	Yes	No	Yes	Yes
Criteria 2 [71.1 (2) (b)]	Area is a self-contained ecosystem such as island		Yes or No		No	No	No	No	No	No
Criteria 2 [71.1 (2) (c)]	Area Contiguous to Existing Wilderness, Etc		Yes or No		No	No	No	No	No	No
71	Does the area qualify for placement on the inventory of potential Wilderness?		Yes or No		No	No	No	No	No	No
71	Reasons for the area not qualifying for placement in inventory.		Rationale		4, 6	6, 7, 9	4, 6, 9	2, 6	6	6, 8
Acres that are In GW Potential Wilderness Inventory					0	0	0	0	0	0

Table 3 (Continued). Va. Mt. Treasures Areas, Statistics, and Reasons Why They are Not on the Official Agency Inventory of Potential Wilderness Areas								
	Area Name / Characteristics		Dry River	Broad Run	Hankey Mountain	Signal Corps Knob	Benson Run	Jerkentight / Benson Run (Combined)
FSH 1909.13		District Name / Unit of Measure	North River	North River	North River	North River	North River	North River
Chapter 70 Reference	National Forest System Land Acres	GW or Jefferson NFS Acres	12,938	5,047	11,385	4,044	10,726	31,984
	Private Land Surface Acres	Private Surface Acres	0	0	0	0	0	0
	Total Acres	Total Acres	12,938	5,047	11,385	4,044	10,726	31,984
71.11 (3) and 71.12 (2)	Improvement #2 -Electronic Installations (provided their impact is minimal) are being affected by forces of nature rather than humans and are disappearing or muted.	Installations with More than One Special Use Permit						
71.12 (3)	The area has attainable NFS ownership patterns, both surface and subsurface (Outstanding or Reserved Subsurface Rights)	Acres of Private Subsurface Ownership	0	183	7,886	20	2,005	2,659
		Percent of Total In Private Subsurface Ownership	0.00%	3.63%	69.27%	0.49%	18.69%	8.31%
		Percent of Total In Private Ownership - Both Surface and Subsurface	0.00%	3.63%	69.27%	0.49%	18.69%	8.31%
		Answer to question of whether Private Ownership both (Surface and Subsurface) is more than 30%?	No	No	Yes	No	No	No
71.11 (8)	Recreation Improvements or areas with minor, easily removable recreation developments (As general rule, do not included developed sites)	Number of Recreation Areas						
71.11 (10)	Ground-return telephone lines, electric lines, and powerline (Utility lines) if a right-of-way has not been cleared	Existence of Cleared Right-of-Way			No, Note Aqueduct Underneath Staunton H2O			
71.11	Other Permanent Improvements	Number of Dams meeting FS regs or state-regulated						
71.11 (6)	Federal Ownership of less than 70% if it is realistic to manage NFS land as wilderness, independent of the private land	Percent in Federal Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
		Answer to question of whether Federal Ownership is less than 70%? , If yes, judgment call on whether agency can manage NFS as wilderness	No	No	No	No	No	No
Criteria 3 [71.1 (3)]	Area does not contain forest roads (36 CFR 212.1)	Miles of NFS Roads	8.243	0.109	10.721	3.914	11.401	18.863
71.12 (5)	Each area contains no more than 1/2 mile of forest roads (36 CFR 212.1) under FS jurisdiction for each 1,000 acres	NFS Road Miles per 1,000 NFS Acres	0.64	0.02	0.94	0.97	1.06	0.59
		Are forest roads less than 1/2 mile per 1,000 acres?	No	Yes	No	No	No	No
71	Acres Within Semi-Primitive Non-motorized (SPNM) ROS Class	SPNM Acres	2,100					7,267
71	Acres Within Semi-Primitive Motorized (SPM) ROS Class	SPM Acres	5,851		5,533	2,325	5,817	10,889
71	Acres Within Roaded Natural (RN) ROS Class	RN Acres	4,987	5,047	5,852	1,719	4,909	13,828
		Private Acres						
	Total ROS Acres	Acres	12,938	5,047	11,385	4,044	10,726	31,984
		Are SPNM and SPM Combined greater than 2,500 Acres?	Yes	No	Yes	No	Yes	Yes
Criteria 1 [71.1 (1)]	Area contains 5,000 acres or more in size of NFS Property	Yes or No	Yes	Yes	Yes	No	Yes	Yes
Criteria 2 [71.1 (2) (b)]	Area is a self-contained ecosystem such as island	Yes or No	No	No	No	No	No	No
Criteria 2 [71.1 (2) (c)]	Area Contiguous to Existing Wilderness, Etc	Yes or No	No	No	No	No	No	No
71	Does the area qualify for placement on the inventory of potential Wilderness?	Yes or No	No	No	No	No	No	No
71	Reasons for the area not qualifying for placement in inventory.	Rationale	3	4	3, 6	2, 3, 4	3	3
Acres that are In GW Potential Wilderness Inventory			12,170	15	0	0	5,259	26,304

Table 3 (Continued). Va. Mt. Treasures Areas, Statistics, and Reasons Why They are Not on the Official Agency Inventory of Potential Wilderness Areas								
	Area Name / Characteristics		Elliot Knob	Archer Knob	Sideling Hill	Walker Mountain	Scaffold Run (WS & Mon)	Scaffold Run
FSH 1909.13 Chapter 70 Reference		District Name / Unit of Measure	North River	North River	North River	North River	Warm Springs & Mon	Warm Springs Only
	National Forest System Land Acres	GW or Jefferson NFS Acres	16,656	9,796	7,155	5,596	12,652	7,633
	Private Land Surface Acres	Private Surface Acres	0	0	0	0	0	0
	Total Acres	Total Acres	16,656	9,796	7,155	5,596	12,652	7,633
71.11 (3) and 71.12 (2)	Improvement #2 -Electronic Installations (provided their impact is minimal) are being affected by forces of nature rather than humans and are disappearing or muted.	Installations with More than One Special Use Permit						
71.12 (3)	The area has attainable NFS ownership patterns, both surface and subsurface (Outstanding or Reserved Subsurface Rights)	Acres of Private Subsurface Ownership	0	0	0	0	0	0
		Percent of Total In Private Subsurface Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Percent of Total In Private Ownership - Both Surface and Subsurface	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Answer to question of whether Private Ownership both (Surface and Subsurface) is more than 30%?	No	No	No	No	No	No
71.11 (8)	Recreation Improvements or areas with minor, easily removable recreation developments (As general rule, do not included developed sites)	Number of Recreation Areas	1 - Hite Hollow Shooting Range					
71.11 (10)	Ground-return telephone lines, electric lines, and powerline (Utility lines) if a right-of-way has not been cleared	Existence of Cleared Right-of-Way					Yes, Potomac Edison	Yes, Potomac Edison
71.11	Other Permanent Improvements	Number of Dams meeting FS regs or state-regulated						
71.11 (6)	Federal Ownership of less than 70% if it is realistic to manage NFS land as wilderness, independent of the private land	Percent in Federal Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
		Answer to question of whether Federal Ownership is less than 70%? , If yes, judgment call on whether agency can manage NFS as wilderness	No	No	No	No	No	No
Criteria 3 [71.1 (3)]	Area does not contain forest roads (36 CFR 212.1)	Miles of NFS Roads	19.137	12.224	7.812	6.124	11.065	11.065
71.12 (5)	Each area contains no more than 1/2 mile of forest roads (36 CFR 212.1) under FS jurisdiction for each 1,000 acres	NFS Road Miles per 1,000 NFS Acres	1.15	1.25	1.09	1.09	0.87	1.45
		Are forest roads less than 1/2 mile per 1,000 acres?	No	No	No	No	No	No
71	Acres Within Semi-Primitive Non-motorized (SPNM) ROS Class	SPNM Acres	3,690				4,741	3,786
71	Acres Within Semi-Primitive Motorized (SPM) ROS Class	SPM Acres	7,690	5,371	3,389	2,885	5,075	1,131
71	Acres Within Roaded Natural (RN) ROS Class	RN Acres	5,276	4,425	3,766	2,711	2,836	2,716
		Private Acres						
	Total ROS Acres	Acres	16,656	9,796	7,155	5,596	12,652	7,633
		Are SPNM and SPM Combined greater than 2,500 Acres?	Yes	Yes	Yes	Yes	Yes	Yes
Criteria 1 [71.1 (1)]	Area contains 5,000 acres or more in size of NFS Property	Yes or No	Yes	Yes	Yes	Yes	Yes	Yes
Criteria 2 [71.1 (2) (b)]	Area is a self-contained ecosystem such as island	Yes or No	No	No	No	No	No	No
Criteria 2 [71.1 (2) (c)]	Area Contiguous to Existing Wilderness, Etc	Yes or No	No	No	No	No	No	No
71	Does the area qualify for placement on the inventory of potential Wilderness?	Yes or No	No	No	No	No	No	No
71	Reasons for the area not qualifying for placement in inventory.	Rationale	3, 8	3	3	3	3, 9	3, 9
Acres that are In GW Potential Wilderness Inventory			10,778	6,991	0	0	6,666	6,666

Table 3 (Continued). Va. Mt. Treasures Areas, Statistics, and Reasons Why They are Not on the Official Agency Inventory of Potential Wilderness Areas								
	Area Name / Characteristics		Back Creek Mountain	West Back Creek Mountain	Warm Springs Mountain	Little Mare Mountain	Beards Mountain	Fore Mountain
FSH 1909.13 Chapter 70 Reference		District Name / Unit of Measure	Warm Springs	Warm Springs	Warm Springs	J. River / W.Springs	J. River / W.Springs	James River
	National Forest System Land Acres	GW or Jefferson NFS Acres	5,713	7,959	7,832	12,586	11,721	5,788
	Private Land Surface Acres	Private Surface Acres	0	0	0	0	0	0
	Total Acres	Total Acres	5,713	7,959	7,832	12,586	11,721	5,788
71.11 (3) and 71.12 (2)	Improvement #2 -Electronic Installations (provided their impact is minimal) are being affected by forces of nature rather than humans and are disappearing or muted.	Installations with More than One Special Use Permit						1 - Fore Mt.
71.12 (3)	The area has attainable NFS ownership patterns, both surface and subsurface (Outstanding or Reserved Subsurface Rights)	Acres of Private Subsurface Ownership	2,869	1,266	0	0	0	137
		Percent of Total In Private Subsurface Ownership	50.22%	15.91%	0.00%	0.00%	0.00%	2.37%
		Percent of Total In Private Ownership - Both Surface and Subsurface	50.22%	15.91%	0.00%	0.00%	0.00%	2.37%
		Answer to question of whether Private Ownership both (Surface and Subsurface) is more than 30%?	Yes	No	No	No	No	No
71.11 (8)	Recreation Improvements or areas with minor, easily removable recreation developments (As general rule, do not included developed sites)	Number of Recreation Areas						
71.11 (10)	Ground-return telephone lines, electric lines, and powerline (Utility lines) if a right-of-way has not been cleared	Existence of Cleared Right-of-Way		Yes, BARC				
71.11	Other Permanent Improvements	Number of Dams meeting FS regs or state-regulated						
71.11 (6)	Federal Ownership of less than 70% if it is realistic to manage NFS land as wilderness, independent of the private land	Percent in Federal Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
		Answer to question of whether Federal Ownership is less than 70%? , If yes, judgment call on whether agency can manage NFS as wilderness	No	No	No	No	No	No
Criteria 3 [71.1 (3)]	Area does not contain forest roads (36 CFR 212.1)	Miles of NFS Roads	2.908	9.098	6.025	7.689	11.690	10.018
71.12 (5)	Each area contains no more than 1/2 mile of forest roads (36 CFR 212.1) under FS jurisdiction for each 1,000 acres	NFS Road Miles per 1,000 NFS Acres	0.51	1.14	0.77	0.61	1.00	1.73
		Are forest roads less than 1/2 mile per 1,000 acres?	No	No	No	No	No	No
71	Acres Within Semi-Primitive Non-motorized (SPNM) ROS Class	SPNM Acres			1,668	1,933	5,125	
71	Acres Within Semi-Primitive Motorized (SPM) ROS Class	SPM Acres		2,265	551	3,043	2,255	
71	Acres Within Roaded Natural (RN) ROS Class	RN Acres	5,713	5,694	5,613	7,610	4,341	5,788
		Private Acres						
	Total ROS Acres	Acres	5,713	7,959	7,832	12,586	11,722	5,788
		Are SPNM and SPM Combined greater than 2,500 Acres?	No	No	No	Yes	Yes	No
Criteria 1 [71.1 (1)]	Area contains 5,000 acres or more in size of NFS Property	Yes or No	Yes	Yes	Yes	Yes	Yes	Yes
Criteria 2 [71.1 (2) (b)]	Area is a self-contained ecosystem such as island	Yes or No	No	No	No	No	No	No
Criteria 2 [71.1 (2) (c)]	Area Contiguous to Existing Wilderness, Etc	Yes or No	No	No	No	No	No	No
71	Does the area qualify for placement on the inventory of potential Wilderness?	Yes or No	No	No	No	No	No	No
71	Reasons for the area not qualifying for placement in inventory.	Rationale	3, 4, 6	3, 4, 9	3, 4	3	3	3, 4, 10
Acres that are In GW Potential Wilderness Inventory			0	0	0	11,818	9,965	0

Table 3 (Continued). Va. Mt. Treasures Areas, Statistics, and Reasons Why They are Not on the Official Agency Inventory of Potential Wilderness Areas								
	Area Name / Characteristics		Dolly Ann	Mill Mountain	Short Mountain	Rough Mountain Wilderness Addition	Longdale	Mud Run Mountain
FSH 1909.13 Chapter 70 Reference		District Name / Unit of Measure	James River	J. River / W. Springs	Warm Springs	Warm Springs	James River & Glen/Ped	James River
	National Forest System Land Acres	GW or Jefferson NFS Acres	9,613	12,498	4,647	2,197	4,396	4,303
	Private Land Surface Acres	Private Surface Acres	0	0	0	0	0	0
	Total Acres	Total Acres	9,613	12,498	4,647	2,197	4,396	4,303
71.11 (3) and 71.12 (2)	Improvement #2 -Electronic Installations (provided their impact is minimal) are being affected by forces of nature rather than humans and are disappearing or muted.	Installations with More than One Special Use Permit						
71.12 (3)	The area has attainable NFS ownership patterns, both surface and subsurface (Outstanding or Reserved Subsurface Rights)	Acres of Private Subsurface Ownership	0	0	0	0	0	0
		Percent of Total In Private Subsurface Ownership	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Percent of Total In Private Ownership - Both Surface and Subsurface	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Answer to question of whether Private Ownership both (Surface and Subsurface) is more than 30%?	No	No	No	No	No	No
71.11 (8)	Recreation Improvements or areas with minor, easily removable recreation developments (As general rule, do not included developed sites)	Number of Recreation Areas		1 - Bubbling Springs Picnic Area				
71.11 (10)	Ground-return telephone lines, electric lines, and powerline (Utility lines) if a right-of-way has not been cleared	Existence of Cleared Right-of-Way						
71.11	Other Permanent Improvements	Number of Dams meeting FS regs or state-regulated						
71.11 (6)	Federal Ownership of less than 70% if it is realistic to manage NFS land as wilderness, independent of the private land	Percent in Federal Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
		Answer to question of whether Federal Ownership is less than 70%? , If yes, judgment call on whether agency can manage NFS as wilderness	No	No	No	No	No	No
Criteria 3 [71.1 (3)]	Area does not contain forest roads (36 CFR 212.1)	Miles of NFS Roads	5.184	6.601	0.919	1.297	2.374	1.437
71.12 (5)	Each area contains no more than 1/2 mile of forest roads (36 CFR 212.1) under FS jurisdiction for each 1,000 acres	NFS Road Miles per 1,000 NFS Acres	0.54	0.53	0.20	0.59	0.54	0.33
		Are forest roads less than 1/2 mile per 1,000 acres?	No	No	Yes	No	No	Yes
71	Acres Within Semi-Primitive Non-motorized (SPNM) ROS Class	SPNM Acres	4,670	6,615		234		2,240
71	Acres Within Semi-Primitive Motorized (SPM) ROS Class	SPM Acres	1,361	460	1,031	508	1,745	688
71	Acres Within Roaded Natural (RN) ROS Class	RN Acres	3,582	5,423	3,616	1,455	2,651	1,375
		Private Acres						
	Total ROS Acres	Acres	9,613	12,498	4,647	2,197	4,396	4,303
		Are SPNM and SPM Combined greater than 2,500 Acres?	Yes	Yes	No	N/A	No	Yes
Criteria 1 [71.1 (1)]	Area contains 5,000 acres or more in size of NFS Property	Yes or No	Yes	Yes	No	N/A	No	No
Criteria 2 [71.1 (2) (b)]	Area is a self-contained ecosystem such as island	Yes or No	No	No	No	No	No	No
Criteria 2 [71.1 (2) (c)]	Area Contiguous to Existing Wilderness, Etc	Yes or No	No	Yes	No	Yes	No	No
71	Does the area qualify for placement on the inventory of potential Wilderness?	Yes or No	No	No	No	No	No	No
71	Reasons for the area not qualifying for placement in inventory.	Rationale	3	3	2, 4	3	2, 3, 4	4
Acres that are In GW Potential Wilderness Inventory			9,519	12,010	0	1,968	0	0

Table 3 (Continued). Va. Mt. Treasures Areas, Statistics, and Reasons Why They are Not on the Official Agency Inventory of Potential Wilderness Areas								
	Area Name / Characteristics		Panther Knob (Jr & Mon)	Panther Knob	Jerrys Run	Snake Run Ridge	Slaty Mountain	Kelley Mountain
FSH 1909.13 Chapter 70 Reference		District Name / Unit of Measure	James River & Mon	James River	James River	James River	James River	Pedlar
	National Forest System Land Acres	GW or Jefferson NFS Acres	6,934	4,178	4,777	6,283	4,043	12,895
	Private Land Surface Acres	Private Surface Acres	0	0	0	0	0	0
	Total Acres	Total Acres	6,934	4,178	4,777	6,283	4,043	12,895
71.11 (3) and 71.12 (2)	Improvement #2 -Electronic Installations (provided their impact is minimal) are being affected by forces of nature rather than humans and are disappearing or muted.	Installations with More than One Special Use Permit						
71.12 (3)	The area has attainable NFS ownership patterns, both surface and subsurface (Outstanding or Reserved Subsurface Rights)	Acres of Private Subsurface Ownership	2,450	0	0	0	0	2,040
		Percent of Total In Private Subsurface Ownership	35.33%	0.00%	0.00%	0.00%	0.00%	15.82%
		Percent of Total In Private Ownership - Both Surface and Subsurface	35.33%	0.00%	0.00%	0.00%	0.00%	15.82%
		Answer to question of whether Private Ownership both (Surface and Subsurface) is more than 30%?	Yes	No	No	No	No	No
71.11 (8)	Recreation Improvements or areas with minor, easily removable recreation developments (As general rule, do not included developed sites)	Number of Recreation Areas						
71.11 (10)	Ground-return telephone lines, electric lines, and powerline (Utility lines) if a right-of-way has not been cleared	Existence of Cleared Right-of-Way						Yes, Shenandoah Valley Electric
71.11	Other Permanent Improvements	Number of Dams meeting FS regs or state-regulated						1 - Mill Creek Dam
71.11 (6)	Federal Ownership of less than 70% if it is realistic to manage NFS land as wilderness, independent of the private land	Percent in Federal Ownership	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
		Answer to question of whether Federal Ownership is less than 70%? , If yes, judgment call on whether agency can manage NFS as wilderness	No	No	No	No	No	No
Criteria 3 [71.1 (3)]	Area does not contain forest roads (36 CFR 212.1)	Miles of NFS Roads	5.542	5.542	3.885	7.283	0.639	3.420
71.12 (5)	Each area contains no more than 1/2 mile of forest roads (36 CFR 212.1) under FS jurisdiction for each 1,000 acres	NFS Road Miles per 1,000 NFS Acres	0.80	1.33	0.81	1.16	0.16	0.27
		Are forest roads less than 1/2 mile per 1,000 acres?	No	No	No	No	Yes	Yes
71	Acres Within Semi-Primitive Non-motorized (SPNM) ROS Class	SPNM Acres	1,805					4,992
71	Acres Within Semi-Primitive Motorized (SPM) ROS Class	SPM Acres	4,267	3,356			2,387	2,810
71	Acres Within Roaded Natural (RN) ROS Class	RN Acres	862	821	4,777	6,283	1,656	5,093
		Private Acres						
	Total ROS Acres	Acres	6,934	4,178	4,777	6,283	4,043	12,895
		Are SPNM and SPM Combined greater than 2,500 Acres?	Yes	Yes	No	No	No	Yes
Criteria 1 [71.1 (1)]	Area contains 5,000 acres or more in size of NFS Property	Yes or No	Yes	No	No	Yes	No	Yes
Criteria 2 [71.1 (2) (b)]	Area is a self-contained ecosystem such as island	Yes or No	No	No	No	No	No	No
Criteria 2 [71.1 (2) (c)]	Area Contiguous to Existing Wilderness, Etc	Yes or No	No	No	No	No	No	No
71	Does the area qualify for placement on the inventory of potential Wilderness?	Yes or No	No	No	No	No	No	No
71	Reasons for the area not qualifying for placement in inventory.	Rationale	3, 6	2, 3	2, 3, 4	3, 4	2, 4	7, 9
Acres that are In GW Potential Wilderness Inventory			0	0	0	0	0	12,616

Table 3 (Continued). Va. Mt. Treasures Areas, Statistics, and Reasons Why They are Not on the Official Agency Inventory of Potential Wilderness Areas

	Area Name / Characteristics		The Friar	Adams Peak	Whites Peak	Three Sisters	Cove Mountain
FSH 1909.13	Chapter 70 Reference	District Name / Unit of Measure	Pedlar	Pedlar	Pedlar	Pedlar	Lee
		National Forest System Land Acres	3,976	9,969	4,614	13,028	2,572
		Private Land Surface Acres	0	0	0	0	0
		Total Acres	3,976	9,969	4,614	13,028	2,572
71.11 (3) and 71.12 (2)	Improvement #2 -Electronic Installations (provided their impact is minimal) are being affected by forces of nature rather than humans and are disappearing or muted.	Installations with More than One Special Use Permit					
71.12 (3)	The area has attainable NFS ownership patterns, both surface and subsurface (Outstanding or Reserved Subsurface Rights)	Acres of Private Subsurface Ownership	0	321	134	497	0
		Percent of Total In Private Subsurface Ownership	0.00%	3.22%	2.90%	3.81%	0.00%
		Percent of Total In Private Ownership - Both Surface and Subsurface	0.00%	3.22%	2.90%	3.81%	0.00%
		Answer to question of whether Private Ownership both (Surface and Subsurface) is more than 30%?	No	No	No	No	No
71.11 (8)	Recreation Improvements or areas with minor, easily removable recreation developments (As general rule, do not included developed sites)	Number of Recreation Areas				2 - John's Hollow & Punchbowl Shelters	
71.11 (10)	Ground-return telephone lines, electric lines, and powerline (Utility lines) if a right-of-way has not been cleared	Existence of Cleared Right-of-Way				Yes, Columbia Gas, Va Power, Va. Pipeline	
71.11	Other Permanent Improvements	Number of Dams meeting FS regs or state-regulated					Flood Control Dam to be built on NFS with full pond backing up into area
71.11 (6)	Federal Ownership of less than 70% if it is realistic to manage NFS land as wilderness, independent of the private land	Percent in Federal Ownership	100.00%	100.00%	100.00%	100.00%	100.00%
		Answer to question of whether Federal Ownership is less than 70%? , If yes, judgment call on whether agency can manage NFS as wilderness	No	No	No	No	No
Criteria 3 [71.1 (3)]	Area does not contain forest roads (36 CFR 212.1)	Miles of NFS Roads	1.770	10.352	2.598	7.313	0.793
71.12 (5)	Each area contains no more than 1/2 mile of forest roads (36 CFR 212.1) under FS jurisdiction for each 1,000 acres	NFS Road Miles per 1,000 NFS Acres	0.45	1.04	0.56	0.56	0.31
		Are forest roads less than 1/2 mile per 1,000 acres?	Yes	No	No	No	Yes
71	Acres Within Semi-Primitive Non-motorized (SPNM) ROS Class	SPNM Acres		3,951		5,092	1,520
71	Acres Within Semi-Primitive Motorized (SPM) ROS Class	SPM Acres		437		1,813	312
71	Acres Within Roaded Natural (RN) ROS Class	RN Acres	3,976	5,581	4,614	6,123	740
		Private Acres					
	Total ROS Acres	Acres	3,976	9,969	4,614	13,028	2,572
		Are SPNM and SPM Combined greater than 2,500 Acres?	No	Yes	No	Yes	No
Criteria 1 [71.1 (1)]	Area contains 5,000 acres or more in size of NFS Property	Yes or No	No	Yes	No	Yes	No
Criteria 2 [71.1 (2) (b)]	Area is a self-contained ecosystem such as island	Yes or No	No	No	No	No	No
Criteria 2 [71.1 (2) (c)]	Area Contiguous to Existing Wilderness, Etc	Yes or No	No	No	No	No	No
71	Does the area qualify for placement on the inventory of potential Wilderness?	Yes or No	No	No	No	No	No
71	Reasons for the area not qualifying for placement in inventory.	Rationale	2, 4	3	2, 3, 4	3, 9	2, 4, 6
Acres that are In GW Potential Wilderness Inventory			0	7,951	0	9,169	0